10/518528

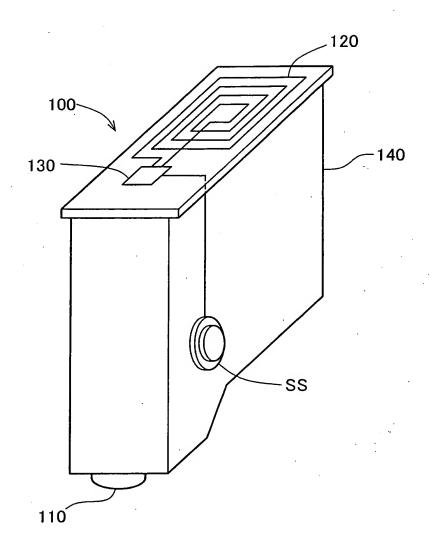
Inventor: Yuichi Nishihara

For: EXPENDABLE CONTAINER WITH
FUNCTION OF MEASURING ...

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Fig.1



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Fig.2(a)

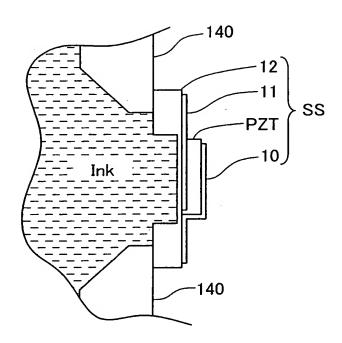
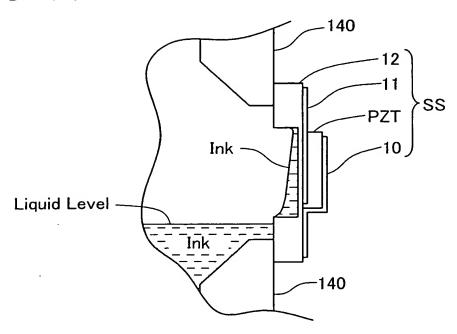
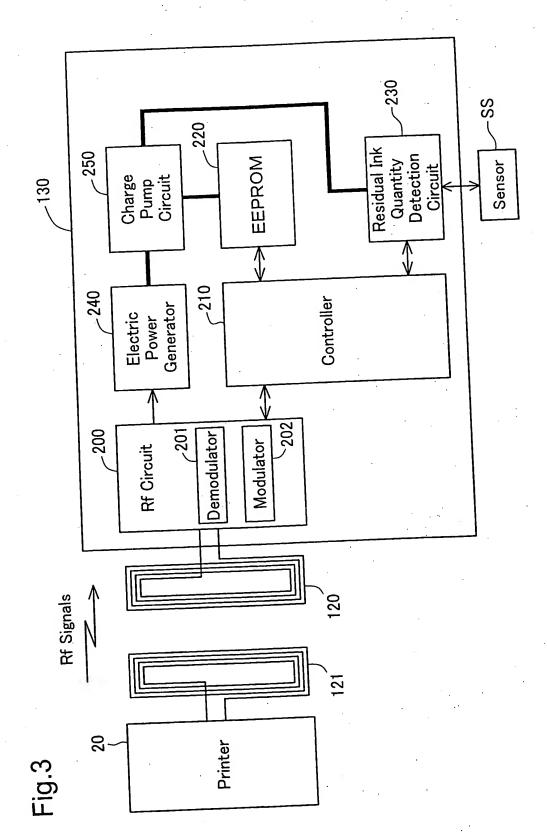


Fig.2(b)



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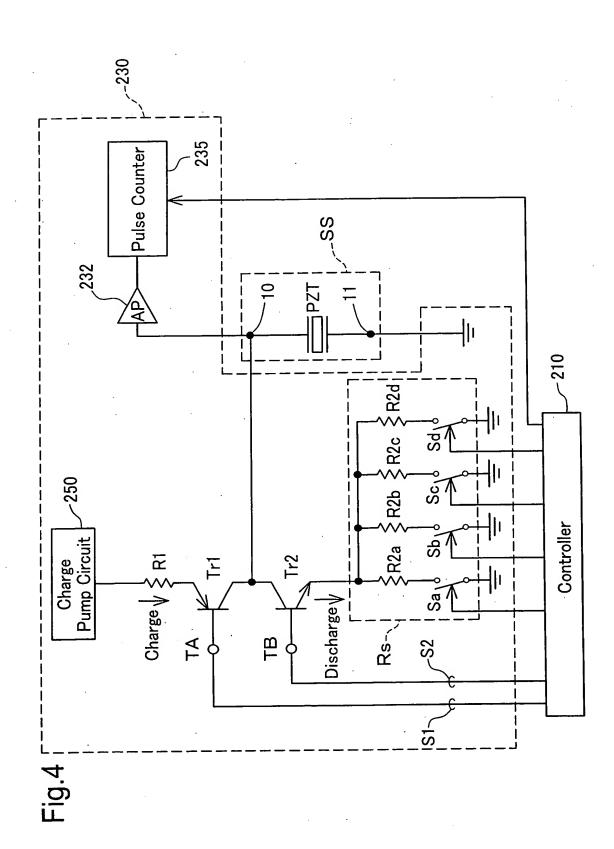


Inventor: Yuichi Nishihara
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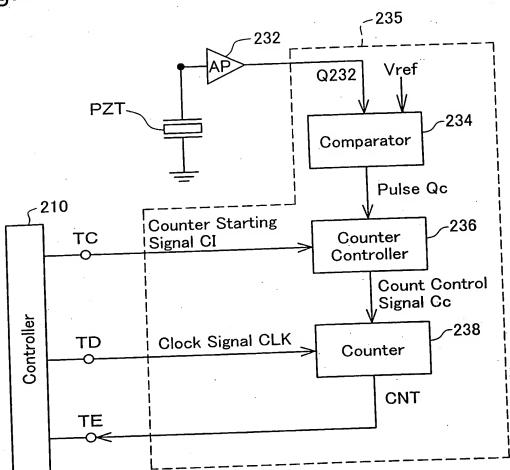
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Fig.5

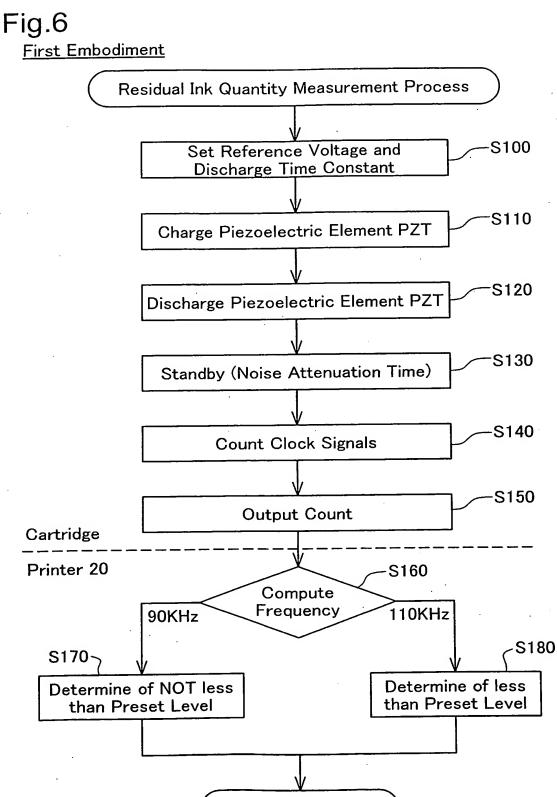


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End

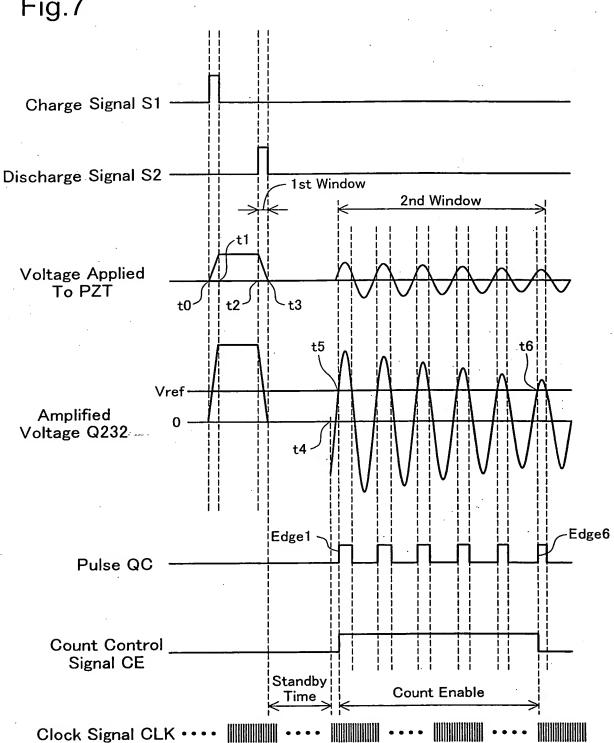
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Fig.8

Sensor Ranks and Settings of Reference Voltage

Sensor Rank	Reference Voltage	
Α	4.2	
В	4.1	
С	3.9	
D	3.7	
E	3.5	
F	3.4	
G	3.3	
Н	3.2	

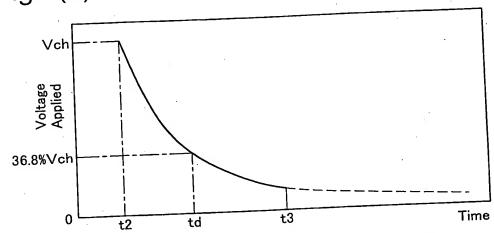
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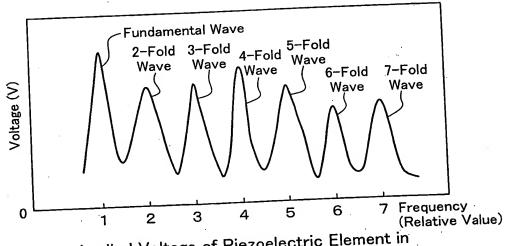
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Fig.9(a)



Applied Voltage Of Piezoelectric Element In Time Domain (Discharge Time)

Fig.9(b)



Applied Voltage of Piezoelectric Element in Frequency Domain

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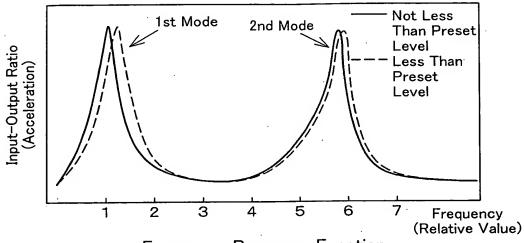
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Fig.10



Frequency Response Function (Transfer Function) of Sensor Structure

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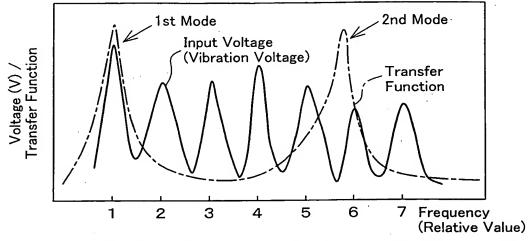
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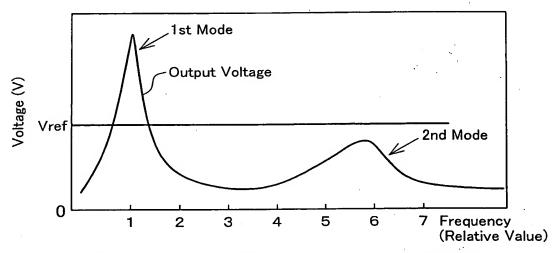
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Fig.11(a)



Vibration Voltage and Transfer Function of Sensor in Frequency Domain

Fig.11(b)



Output Voltage of Sensor in Frequency Domain

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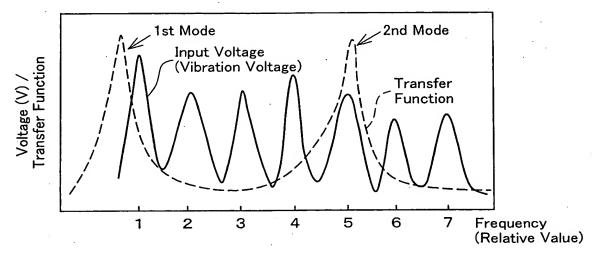
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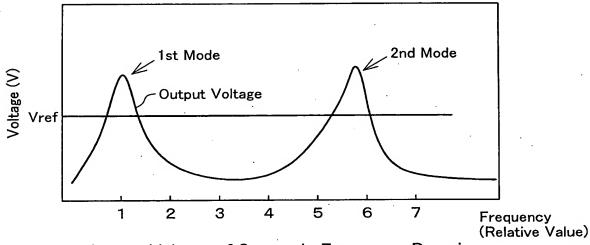
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Fig.12(a)



Vibration Voltage And Transfer Function of Sensor in Frequency Domain (Before Regulation)

Fig.12(b)

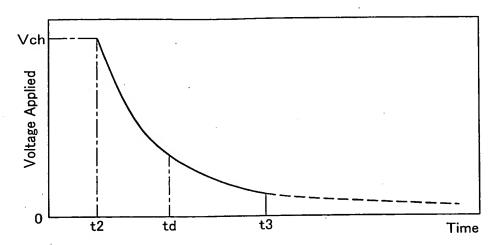


Output Voltage of Sensor in Frequency Domain

Inventor: Yuichi Nishihara
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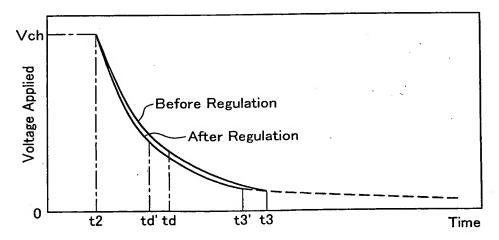
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Fig.13(a)



Applied Voltage of Piezoelectric Element in Time Domain (Discharge Time)

Fig.13(b)

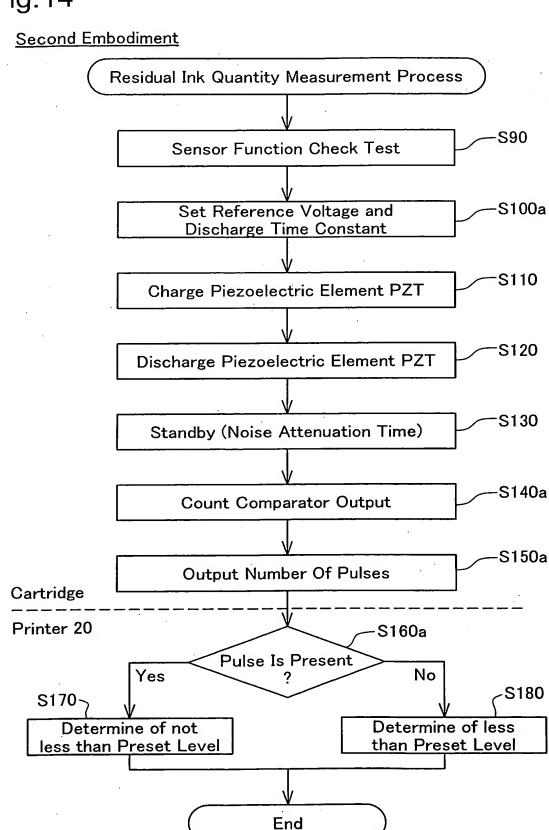


Applied Voltage of Piezoelectric Element in Time Domain (Discharge Time)

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Fig.14



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Fig.15

Sensor Ranks And Settings Of Reference Voltage

Sensor Rank	Reference Voltage For Function Check	Reference Voltage For Residual Quantity Detection
А	2.9	4.2
В	2.9	4.1
С	2.8	3.9
D	2.8	3.7
E	2.8	3.5
F	2.7	3.4
G	2.7	3.3
Н	2.7	3.2

Unit: V

Inventor: Yuichi Nishihara

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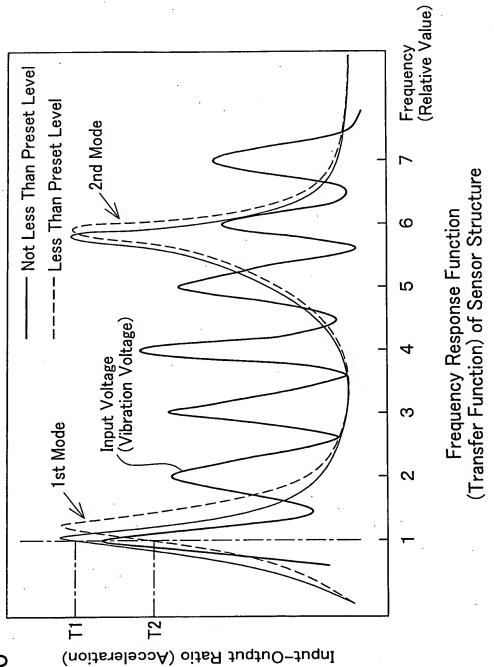


Fig.16

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